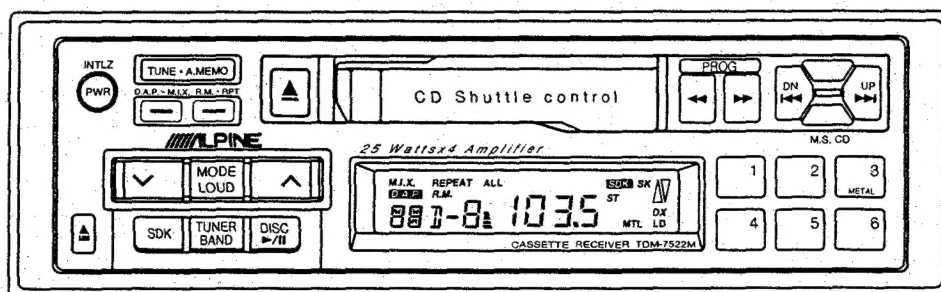


ALPINE[®] SERVICE MANUAL

FM/MW/LW/SDK Cassette Receiver

- For the cassette deck mechanism parts (GS75A010) of this model, refer to the Service Manual • GS Series (Part No. 68P61027W01).



TDM-7522M

Contents

| | |
|--|----------|
| Specifications | 3 |
| Adjustment Procedures | 4 to 5 |
| Adjustment Locations | 5 |
| Description of IC Terminal | 6 to 7 |
| LCD Display | 8 |
| Block Diagram | 9 |
| Tuner Schematic Diagram | 10 |
| Parts Layout on P.C. Boards and Wiring Diagram (1/2) | 11 to 12 |
| Parts Layout on P.C. Boards and Wiring Diagram (2/2) | 13 to 14 |
| Schematic Diagram (1/2) | 15 to 17 |
| Schematic Diagram (2/2) | 18 to 20 |
| Electrical Parts List | 21 to 26 |
| Exploded View (Cabinet) | 27 to 28 |
| Cabinet Assembly Parts List | 29 |
| Disassembly Instructions | 30 |
| Packing Assembly Parts List | 31 |
| Packing Method View | 31 |
| Semi-Conductor Lead Identifications | 32 |

Specifications

FM RADIO

| | |
|--|--|
| Intermediate Frequency | 10.7MHz |
| Frequency Range | 87.5~108MHz |
| Usable Sensitivity (30dB S/N, Mono, 98.1MHz) | 16.2dBf |
| -3dB Limiting Sensitivity (98.1MHz) | 23.2dBf |
| S/N Ratio (Stereo, 98.1MHz) | 54dB |
| Image Rejection (106.1MHz) | 40dB |
| IF Rejection (90.1MHz) | 80dB |
| Distortion (Input 60dB μ , 98.1MHz) | 1.8% |
| Frequency Response (98.1MHz, Ref. 400Hz) | 100Hz : 0 \pm 3dB 10kHz : -13 \pm 5dB |
| SK Sensitivity (98.1MHz) | 25.2dBf |

MW RADIO

| | |
|---|--|
| Intermediate Frequency | 1st. 10.71MHz 2nd. 450kHz |
| Frequency Range | 531~1,602kHz |
| Sensitivity (20dB S/N, 999kHz) | 38dB |
| S/N Ratio (999kHz) | 44dB |
| Image Rejection (1,404kHz, 2nd. IF) | 50dB |
| IF Rejection (603kHz, 2nd. IF) | 50dB |
| Distortion (999kHz) | 1.5% |
| Frequency Response (999kHz, Ref. 400Hz) | 100Hz : -3 \pm 4dB 4kHz : -15 \pm 6dB |

LW RADIO

| | |
|---|--|
| Intermediate Frequency | 1st. 10.71MHz 2nd. 450kHz |
| Frequency Range | 153~281kHz |
| Sensitivity (20dB S/N, 216kHz) | 43dB |
| S/N Ratio (216kHz) | 44dB |
| Image Rejection (270kHz, 2nd. IF) | 50dB |
| IF Rejection (162kHz, 2nd. IF) | 50dB |
| Distortion (216kHz) | 1.5% |
| Frequency Response (216kHz, Ref. 400Hz) | 100Hz : -5 \pm 4dB 4kHz : -15 \pm 6dB |

TAPE PLAYER

| | |
|--------------------------------------|-----------------------|
| Wow & Flutter (JIS, WRMS/MTT-111N) | 0.35% |
| Tape Speed (MTT-111N) | 4.76cm/sec. +3 to -1% |
| S/N Ratio | 52dB |
| Distortion (MTT-118N) | 2% |
| Frequency Response (Ref. 1kHz, -4dB) | 63Hz~8kHz |
| Crosstalk (MTT-121N) | 45dB |
| Separation (MTT-141N) | 32dB |

GENERAL

| | |
|------------------------|---|
| Power Supply | 14.4V DC |
| Power Output/Impedance | 11W/4ohm |
| Semiconductors | 10IC's, 34Transistors, 24Diodes, 10Zener Diodes |
| Dimensions (W×H×D) | Nose : 188×58×24.7mm Chassis : 180×50×155mm |
| Weight | 1.4kg |

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

Adjustment Procedures

1. FM SECTION

(1) Dummy Antenna Circuit

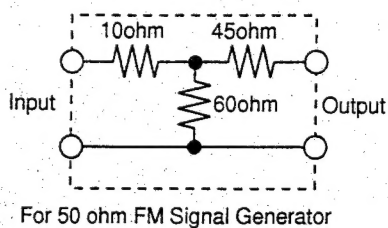


Figure 1

(2) Connections

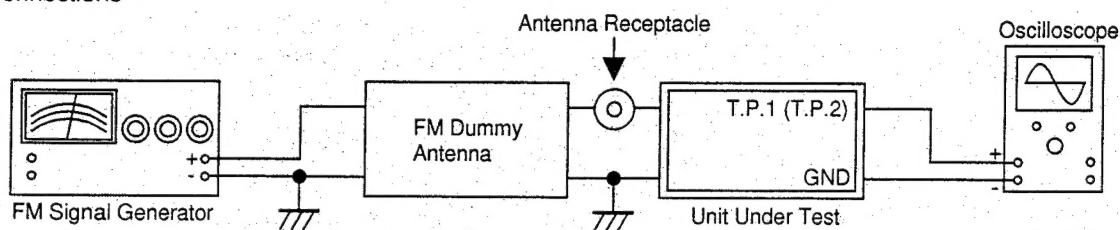


Figure 2

(3) Control Settings

| | | | |
|-----------------|-----------------------|--------------|-----------------------|
| Power Switch | ON | Bass Control | Center Position |
| Fader Control | Center Position | Band Switch | FM |
| Balance Control | Center Position | Others | OFF |
| Treble Control | Center Position | | |

(4) Adjustment Procedures

| Step | Description | Connection | Signal Generator | Dial Control | Test Point | Adjustment |
|------|---------------|------------|--|--------------|------------|---|
| 1 | SK Adjustment | Figure 2 | 98.1MHz, 21dB (Mod. 400Hz, Dev. 40kHz, SK : ON, BK : ON, MONO) | 98.1MHz | T.P.1 | Adjust L501 for Maximum Waveform at T.P.1. |
| 2 | DK Adjustment | Figure 2 | 98.1MHz, 21dB (Mod. 400Hz, Dev. 40kHz, SK : ON, BK : ON, DK : ON) | 98.1MHz | T.P.2 | Adjust VR501 for Maximum Waveform at T.P.1. |

2. TAPE PLAYER SECTION

(1) Connections

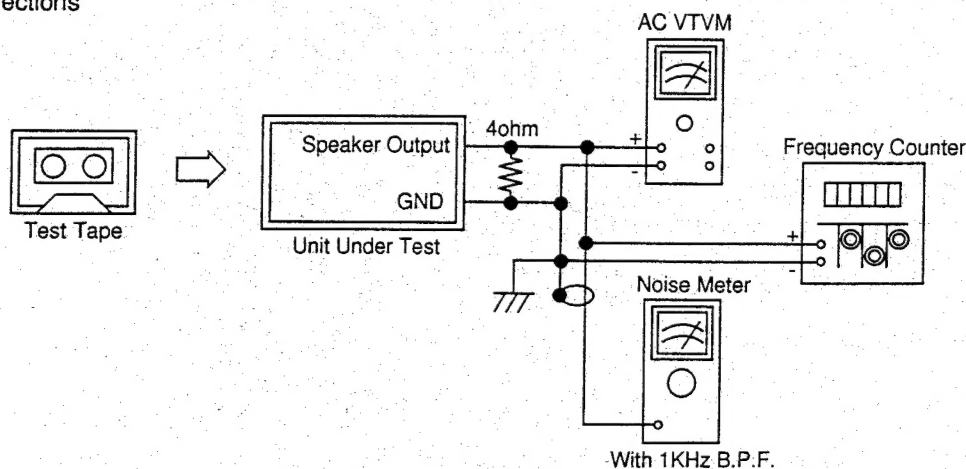


Figure 3

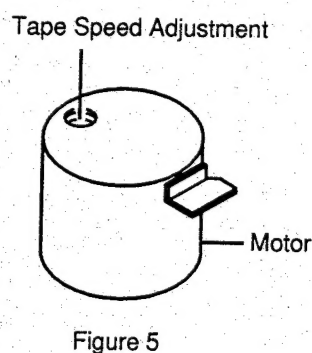
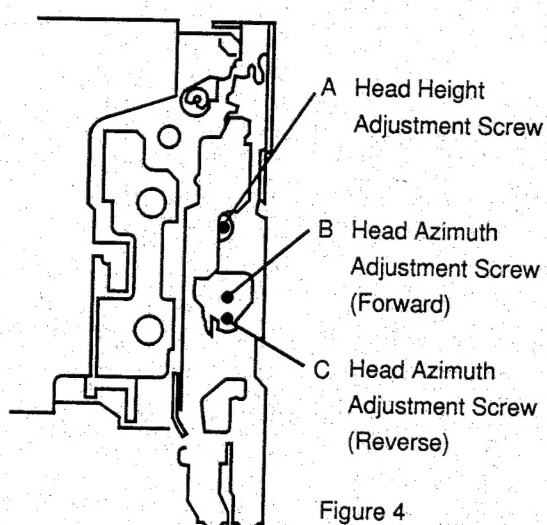
(2) Control Settings

Power Switch ON
 Fader Control Center Position
 Balance Control Center Position
 Treble Control Center Position
 Bass Control Center Position
 Others OFF

(3) Adjustment Procedures

| Step | Description | Test Tape | Connection | Test Point | Adjustment Point | Adjustment |
|------|-------------------------|---------------------|------------|-----------------------------|--|--|
| 1 | Head Azimuth Adjustment | (1) MTT-141N (1kHz) | Figure 3 | Speaker Output | Head Height Adjustment Screw A (Figure 4) | Adjust until the Rch level obtains the Max. output with the test tape A-side played back in the reverse mode. |
| | | (2) MTT-144 (10kHz) | Figure 3 | Speaker Output | Head Azimuth Adjustment Screw B (Figure 4) | Adjust for Max. and same level output of Lch and Rch at Forward mode. |
| | | (3) MTT-144 (10kHz) | Figure 3 | Speaker Output | Head Azimuth Adjustment Screw C (Figure 4) | Adjust for Max. and same level output of Lch and Rch at Reverse mode. |
| | | (4) MTT-141N (1kHz) | Figure 3 | Speaker Output | — | Confirm Lch and Rch output level difference is more than 42dB with the test tape A-side played back in the reverse mode. Proceed the same procedure as above with the test tape A-side played back in the reverse mode, B-side in the forward mode, and B-side in the reverse mode. |
| 2 | Tape Speed Adjustment | MTT-111N (3kHz) | Figure 3 | Speaker Output (Lch or Rch) | Tape Speed Adjustment (Figure 5) | Adjust for 2,970 to 3,090 Hz at Speaker Output. |

Adjustment Locations



NOTE : For the Adjustment parts (VR501, L501) and Test Points, refer to the Parts Layout on P.C.Boards and Wiring Diagram.

Description of IC Terminal

85210W01 : IC503

| No. | Symbol | I/O | Terminal Description |
|-----|-----------|-----|---|
| 1 | GND | — | Ground terminal. |
| 2 | | | |
| 3 | ST | I | Stereo signal input terminal. (H : MONO, L : STEREO) |
| 4 | NC | — | No connection. |
| 5 | SK | I | ARI SK signal input terminal. (H : SK ON, L : SK OFF) |
| 6 | DK | I | ARI DK signal input terminal. (H : DK ON, L : DK OFF) |
| 7 | NC | — | No connection. |
| 8 | | | |
| 9 | | | |
| 10 | CHG.D.OUT | O | CD Changer bus line output terminal. |
| 11 | CHG.D.IN | I | CD Changer bus line input terminal. |
| 12 | ACC | I | ACC power supply detection (Stand-by) terminal. |
| 13 | BATT | I | BATT power supply detection (Compulsion Stand-by) terminal. |
| 14 | METAL | O | Equalizing control output terminal. (For metal tape) |
| 15 | PACK-IN | I | PACK-IN detection terminal. |
| 16 | FOR / REV | I | Indication control signal of TAPE running direction detection terminal. |
| 17 | MUTE-IN | I | Mute signal input terminal. (For GS Mechanism) |
| 18 | NC | — | No connection. |
| 19 | | | |
| 20 | | | |
| 21 | ALARM | O | Alarm signal output terminal. (L : Alarm OFF) |
| 22 | EV.DATA | O | Serial data output terminal for electrical volume (IC209). |
| 23 | EV.CLK | O | Serial clock output terminal for electrical volume (IC209). |
| 24 | NC | — | No connection. |
| 25 | | | |
| 26 | FM IF | I | FM IF signal input terminal. (at only FM tuning) |
| 27 | AM IF | I | AM IF signal input terminal. (at only AM tuning) |
| 28 | NC | — | No connection. |
| 29 | S-METER | I | Signal meter signal input terminal. |
| 30 | VDD1 | — | Power supply terminal. |
| 31 | AM OSC | I | AM OSC signal input terminal. |
| 32 | FM OSC | I | FM OSC signal input terminal. |
| 33 | GND | — | Ground terminal. |
| 34 | X OUT | O | Output terminal for system clock OSC. |
| 35 | X IN | I | Input terminal for system clock OSC. |
| 36 | E0 | O | Charge pump output terminal for PLL synthesizer. |

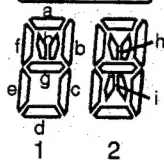
| No. | Symbol | I/O | Terminal Description |
|-----|-----------------------|-----|--|
| 37 | NC | — | No connection. |
| 38 | | | |
| 40 | | | |
| 41 | V _{DD2} | — | Power supply terminal. |
| 42 | NC | — | No connection. |
| 43 | | | |
| 44 | | | |
| 45 | L / \overline{D} | O | SEEK switching terminal for LOCAL / DX. (H : Local, L : DX) |
| 46 | LW | O | L.P.F. switching terminal for LW Band. (H : LW, L : Others) |
| 47 | REQ | O | IF output control terminal. (H : FM/AM SEEK, L : During Receiver) |
| 48 | \overline{LW} | O | L.P.F. switching terminal for LW Band. (H : Others, L : LW) |
| 49 | FM / \overline{AM} | O | Power supply switching terminal. (For FM / AM) (H : FM, L : AM) |
| 50 | NC | — | No connection. |
| 51 | | | |
| 53 | | | |
| 54 | $\overline{LCD\ INH}$ | O | INH signal output terminal for LCD driver. (IC402) |
| 55 | LCD CE | O | CE signal output terminal for LCD driver. (IC402) |
| 56 | LCD DATA | O | DATA signal output terminal for LCD driver. (IC402) |
| 57 | LCD CLK | O | CLK signal output terminal for LCD driver. (IC402) |
| 58 | NC | — | No connection. |
| 59 | | | |
| 69 | | | |
| 70 | A. MUTE | O | Audio mute signal output terminal. (H : Output) |
| 71 | POWER IC ON | O | Stand-by control signal output terminal for Power IC. (IC210, 211) |
| 72 | POWER-CONT | O | Power supply control terminal. |
| 73 | NC | — | No connection. |
| 74 | | | |
| 75 | NOSE ON | I | Nose setting detection terminal. |
| 76 | KEY-IN A/D-1 | I | Key matrix A/D port signal input terminal. |
| 77 | KEY-IN A/D-2 | | |
| 78 | KEY-IN A/D-3 | | |
| 79 | GND | — | Ground terminal. |
| 80 | | | |

LCD Display

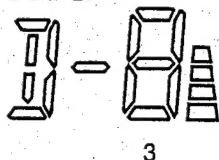
M.I.X. REPEAT ALL

D.A.P.

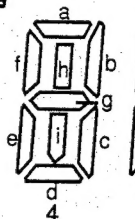
R.M.



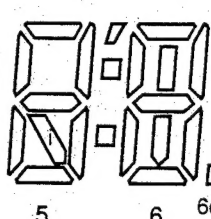
2



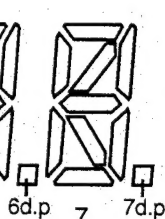
3



4



5



6

6d.p



7

7d.p

SDK

SK



DX

MTL LD

| PAD No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---------|-------|-------|---|----|----|---|-----|-----|---|
| COM.1 | COM.1 | | ▽ | LD | | | MTL | ST | |
| COM.2 | | COM.2 | △ | DX | SK | | | SDK | |

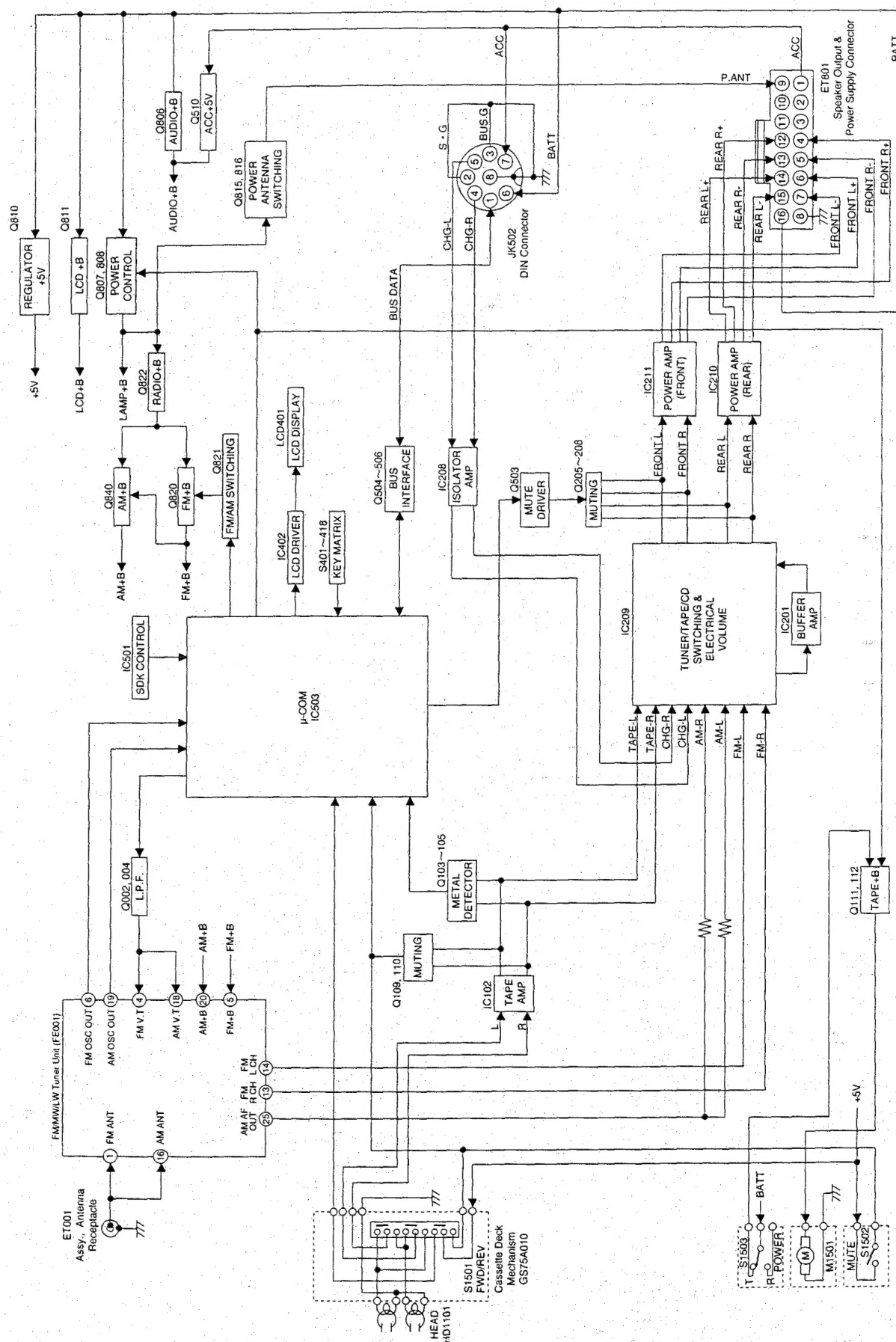
| | | | | | | | | |
|------|------|----|----|----|------|----|----|----|
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 6d.p | 7c | 7b | 7f | 7e | 6c | 6b | 6f | 6e |
| 7d.p | 7h.i | 7a | 7g | 7d | 6h.i | 6a | 6g | 6d |

| | | | | | | | | |
|----|----|----|----|----|------|----|----|----|
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| ▯ | 5b | 5f | 5e | 5c | 4c | 4b | 4f | 4e |
| ▯ | 5a | 5g | 5d | 5i | 4h.i | 4a | 4g | 4d |

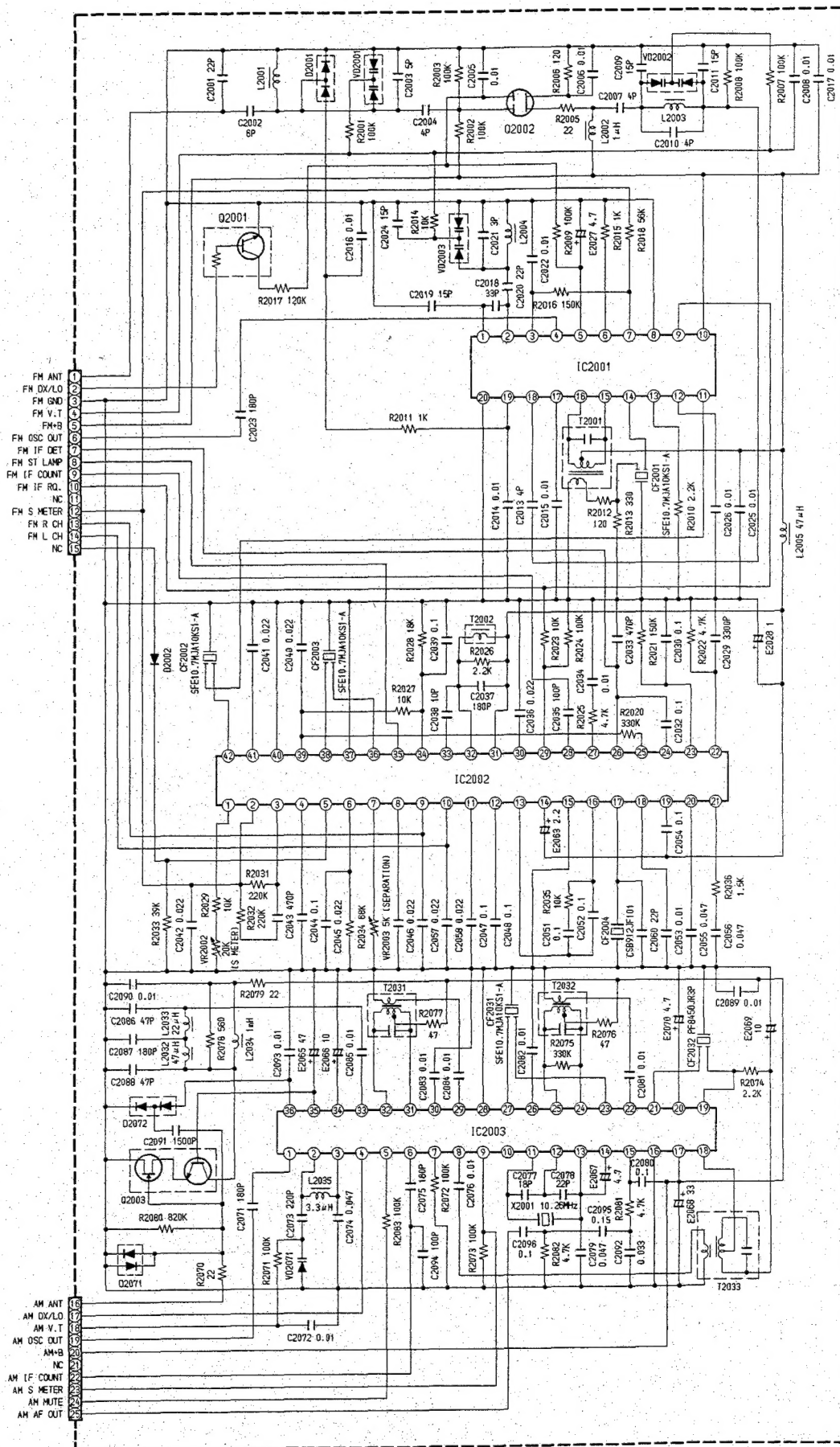
| | | | | | | | | |
|-----|------|----|----|----|--------|----|----|----|
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| ▯ | 3b | 3g | 3c | 2d | R.M. | 2i | 2g | 2h |
| ALL | 3a.d | 3f | 3e | ▯- | REPEAT | 2c | 2b | 2a |

| | | | | |
|--------|----|----|------|------|
| 37 | 38 | 39 | 40 | 41 |
| D.A.P. | 2f | 1h | 1e.f | 1d |
| M.I.X. | 2e | 1a | 1g | 1d.c |

Block Diagram

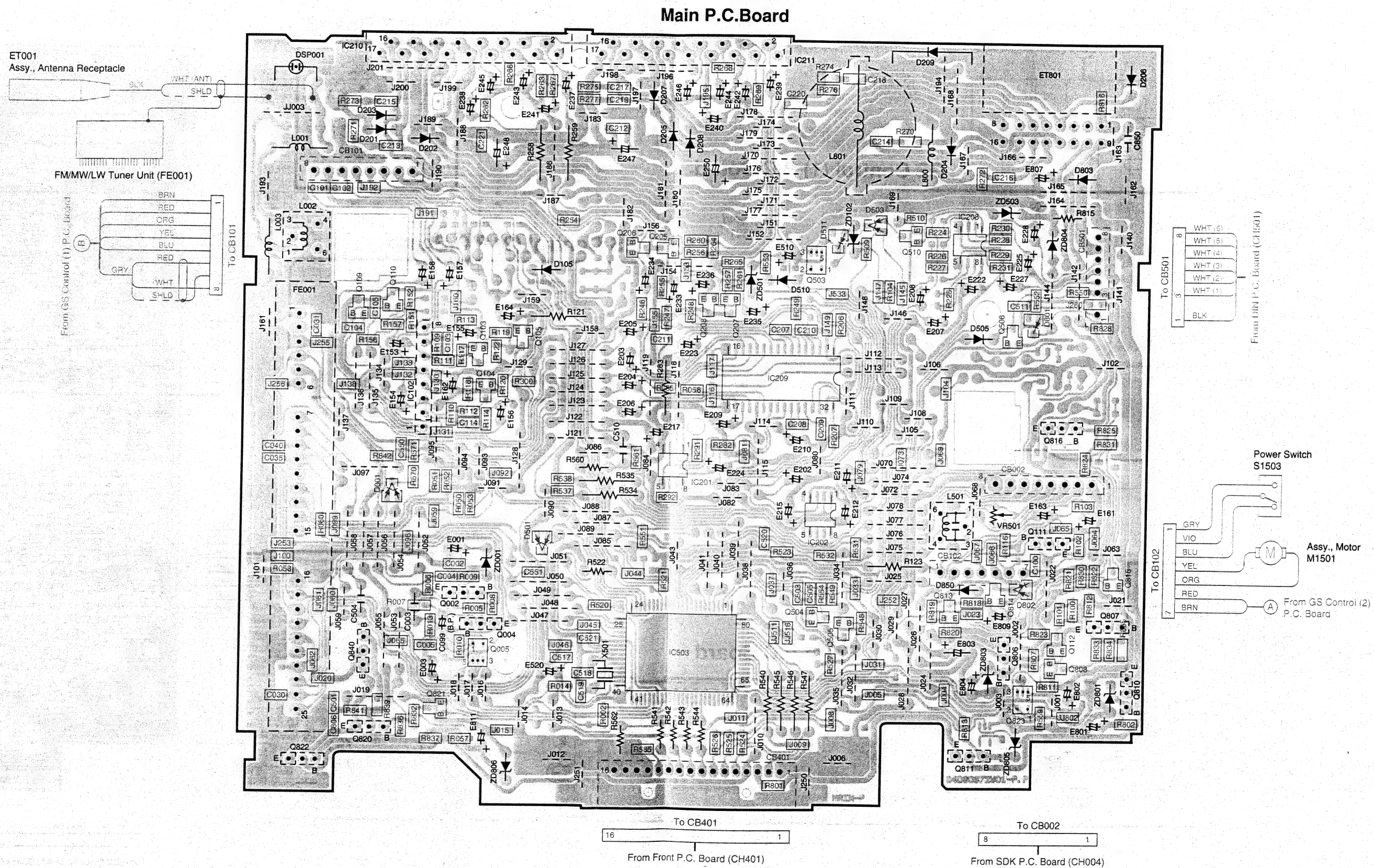


Tuner Schematic Diagram



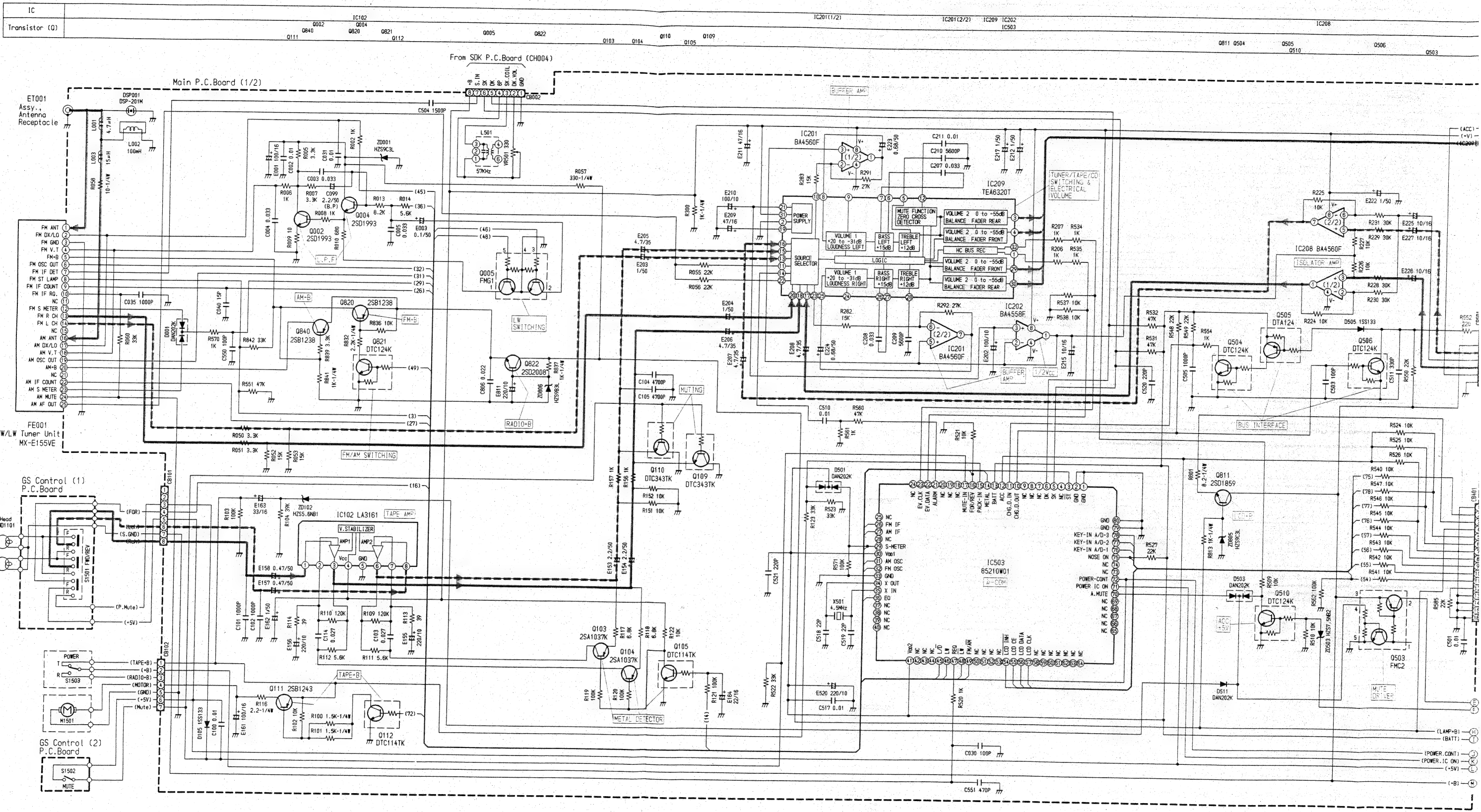
Parts Layout on P.C. Boards and Wiring Diagram (1/2)

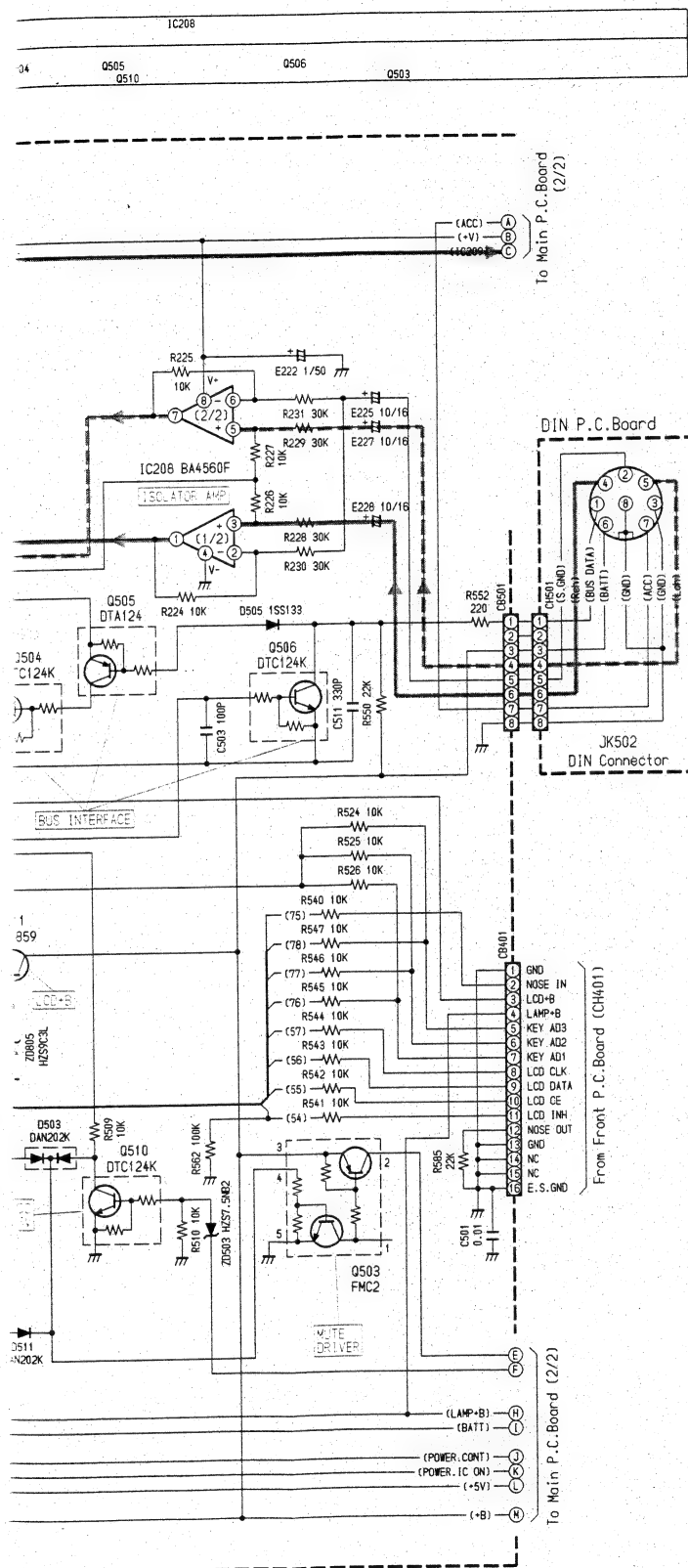
All P.C. Boards viewed from soldered side.



Blue Color Pattern : Foil Side Pattern

Schematic Diagram (1/2)





IC102

| | | | |
|---|-------|--|--|
| 1 | 1.26V | | |
| 2 | 0.75V | | |
| 3 | 3.27V | | |
| 4 | 8.75V | | |
| 5 | 0V | | |
| 6 | 3.25V | | |
| 7 | 0.75V | | |
| 8 | 1.26V | | |

IC201

| | | | |
|---|-------|--|--|
| 1 | 4.37V | | |
| 2 | 4.37V | | |
| 3 | 4.37V | | |
| 4 | 0V | | |
| 5 | 4.37V | | |
| 6 | 4.37V | | |
| 7 | 4.37V | | |
| 8 | 8.72V | | |

IC202

| | | | |
|---|-------|--|--|
| 1 | 4.37V | | |
| 2 | 4.37V | | |
| 3 | 4.37V | | |
| 4 | 0V | | |
| 5 | NC | | |
| 6 | NC | | |
| 7 | NC | | |
| 8 | 8.72V | | |

IC208

| | | | |
|---|-------|--|--|
| 1 | 4.37V | | |
| 2 | PS | | |
| 3 | 4.37V | | |
| 4 | 0V | | |
| 5 | 4.37V | | |
| 6 | PS | | |
| 7 | 4.37V | | |
| 8 | 8.72V | | |

IC503

| | | | | | |
|----|-------------|--------------------------|----|-------------|------------------------|
| | | MODE | | | MODE |
| 1 | 0V | | 41 | 5.04V | |
| 2 | 0V | | 42 | NC | |
| 3 | 5.14V/0.05V | MONO/ST | 43 | NC | |
| 4 | NC | | 44 | NC | |
| 5 | 0V | | 45 | 0V/4.84V | OTHERS/FM/LOCAL SEEK |
| 6 | 0V | | 46 | 4.98V/0V | LW/FM |
| 7 | NC | | 47 | 5V/0V | SEEK/OTHERS (FM) |
| 8 | NC | | 48 | 0V/4.98V | LW/FM |
| 9 | NC | | 49 | 4.94V/0V | FM/AM |
| 10 | 0.04V | | 50 | NC | |
| 11 | 5.03V | | 51 | NC | |
| 12 | 4.96V/0V | ACC ON/OFF | 52 | NC | |
| 13 | 5.04V | | 53 | NC | |
| 14 | 4.95V/0V | METAL ON/OFF | 54 | 4.92V/0V | POW.ON/OFF |
| 15 | 5.49V/0V | PACK-IN/OTHERS (FM) | 55 | 0V | |
| 16 | 4.95V/4.96V | FOR/REV | 56 | 0V | |
| 17 | 4.97V/0V | FF - REW/TAPE | 57 | 0V | |
| 18 | NC | | 58 | NC | |
| 19 | NC | | 59 | NC | |
| 20 | NC | | 60 | NC | |
| 21 | 0V | | 61 | NC | |
| 22 | 4.9V/PS | OTHERS/VOL.U.P.DN | 62 | NC | |
| 23 | 4.91V/PS | OTHERS/VOL.U.P.DN | 63 | NC | |
| 24 | NC | | 64 | NC | |
| 25 | NC | | 65 | NC | |
| 26 | 2.72V/0V | SEEK/OTHERS (FM) | 66 | NC | |
| 27 | 2.72V/0V | SEEK/OTHERS (AM) | 67 | NC | |
| 28 | NC | | 68 | NC | |
| 29 | 0.46V/5.11V | OTHERS (TAPE)/RADIO (FM) | 69 | NC | |
| 30 | 5.05V | | 70 | 4.96V/0V | MUTE/OTHERS (RADIO FM) |
| 31 | 2.62V/0V | AM/OTHERS (TAPE) | 71 | 4.84V/0V | POW.ON/OFF |
| 32 | 2.01V/0V | FM/OTHERS (TAPE) | 72 | 4.67V/0V | POW.ON/OFF |
| 33 | 0V | | 73 | NC | |
| 34 | PS | | 74 | NC | |
| 35 | 2.48V | | 75 | 2.71V/4.42V | NOISE ON/OFF |
| 36 | PS | | 76 | 2.81V | |
| 37 | NC | | 77 | 2.81V | |
| 38 | NC | | 78 | 2.81V | |
| 39 | NC | | 79 | 0V | |
| 40 | NC | | 80 | 0V | |

| | E | C | B | MODE |
|------|-------------|---------------|-------------|---------------------|
| Q002 | 0V | PS | PS | RADIO |
| Q004 | PS | PS | PS | RADIO |
| Q103 | 3.25V/3.32V | 3.25V/3.32V | 2.71V/6.83V | METAL ON/OFF (TAPE) |
| Q104 | 3.19V/3.32V | 3.19V/3.32V | 2.84V/6.83V | METAL ON/OFF (TAPE) |
| Q105 | 0.0V/6.72V | 0.0V/6.72V | 1.04V/0V | METAL ON/OFF (TAPE) |
| Q108 | 0V/0V | 0V/0V | 0V/4.96V | TAPE (PLAY)/FF.REW |
| Q110 | 0V/0V | 0V/0V | 0V/4.96V | TAPE (PLAY)/FF.REW |
| Q111 | 14.34V/0V | 14.31V/0.26V | 13.64V/0V | TAPE(RADIO) |
| Q112 | 0V | 0V | 4.65V | POWER ON |
| Q504 | 0V | PS | PS | CD |
| Q505 | 5.04V | 0V | PS | CD |
| Q506 | 0V | PS | 0V | CD |
| Q510 | 0V/0V | 0V/0V | 3.92V/0V | ACC ON/OFF |
| Q611 | 8.95V/0V | 13.31V/14.93V | 9.62V/0V | POWER ON/OFF |
| Q820 | 8.67V | 8.63V | 7.97V | RADIO (FM) |
| Q821 | 0V | 0V | 4.93V | RADIO (FM) |
| Q822 | 8.67V | 13.4V | 9.26V | RADIO |
| Q840 | 8.3V/8.3V | 0V/8.3V | 8.3V/7.5V | FM/AM |

[Measuring Conditions]

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Meter
- Measuring Point Reference : Between Ground
- Measuring Conditions : No Signal Input

FM 98.1MHz
MW 999kHz
LW 216kHz
Tape Blank

| | 1 | 2 | 3 | 4 | 5 | MODE |
|------|----------|--------------|---------------|---------|----------|-------------|
| Q005 | 4.98V/0V | 0V/0V | 4.98V/0V | 0V/0V | 0V/4.98V | LW/FM |
| Q503 | NC | 14.21V/0.06V | 14.25V/14.25V | 4.4V/0V | 0V/0V | MUTE ON/OFF |

NOTE:

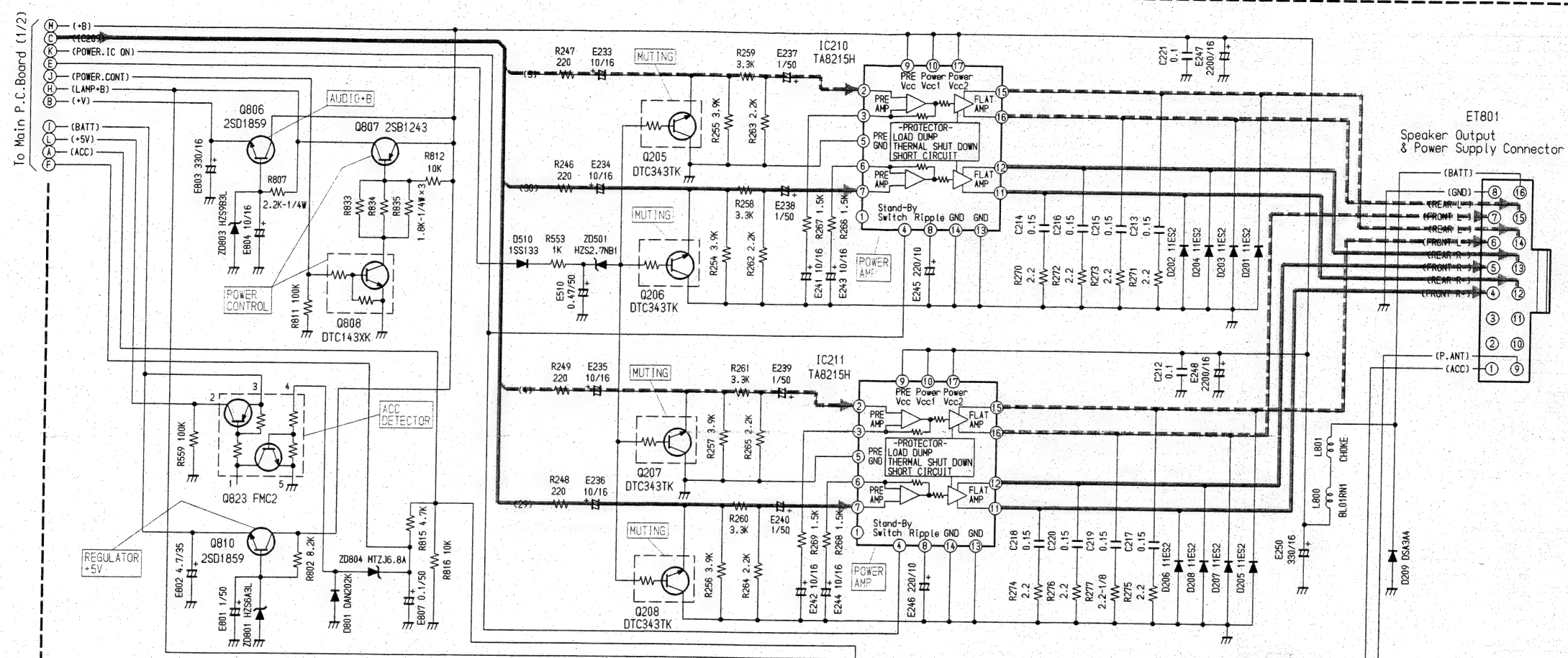
NOTE.

1. All resistance values are in ohms. $K = 1,000$
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

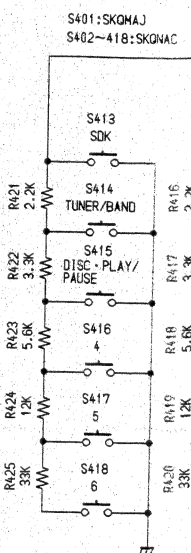
Schematic Diagram (2/2)

| | | | | | | | | | | |
|----------------|-------------------|-----------|-------|------------------------|-------------|-----------|-----------|--|--|--|
| IC | | | | | | | | | | |
| Transistor (Q) | 0806 0810 0823 | 0808 0807 | IC501 | 0205 0206 0207 0208 | IC210 IC211 | 0814 0813 | 0815 0816 | | | |

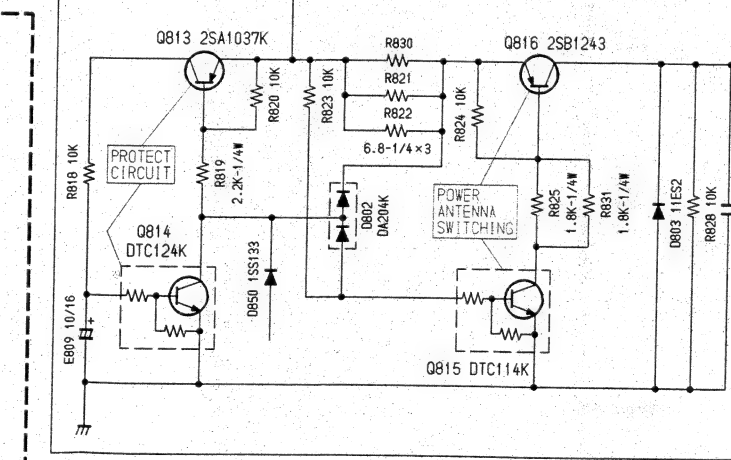
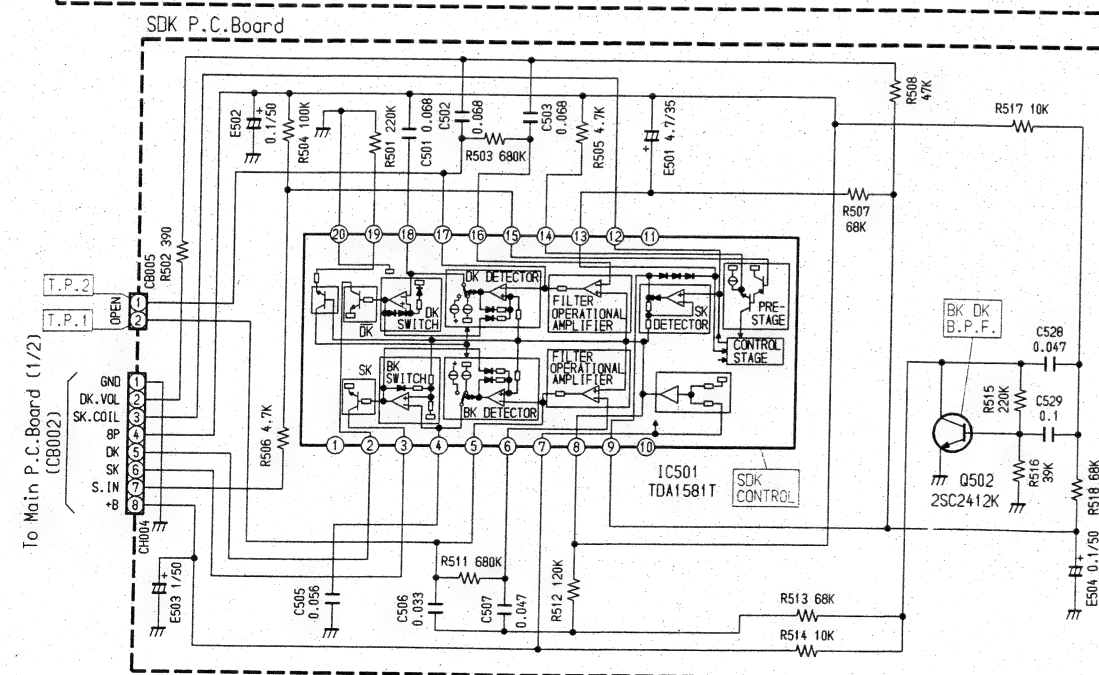
Main P.C.Board (2/2)

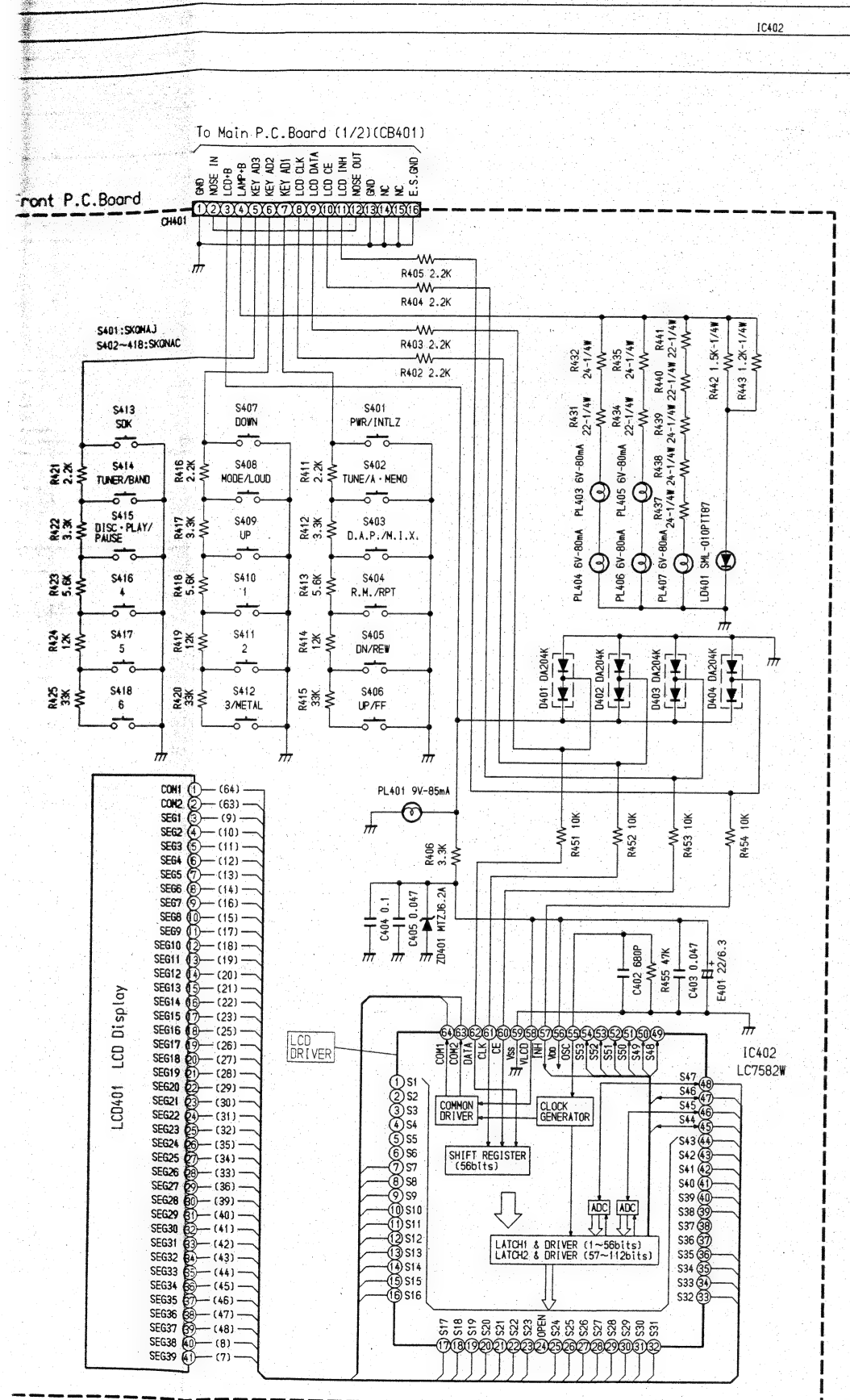


Front P.C.Board



SDK P.C.Board





Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.

Capacitor : „F=microfarads,pF=picofarads

| Abbreviations | | | Symbol No. | Part No. | Description |
|------------------------|---------------------|---------------|--------------------------|-------------|---------------------------|
| RES.= Resistor | CAP.= Capacitor | | Q810 | 48T83835F03 | 2SD1859 |
| C.F.= Carbon Film | ELY.= Electrolytic | | Q811 | 48T83835F03 | 2SD1859 |
| M.F.= Metal Film | CER.= Ceramic | | Q813 | 48T63420F01 | CP., 2SA1037K |
| M.O.= Metal Oxide Film | MYL.= Mylar | | Q814 | 48T62967F03 | CP., DTC124K |
| M.P.= Metal Plate | TAN.= Tantalum | | Q815 | 48T62967F02 | CP., DTC114K |
| TR.= Transistor | POLY.= Polystyrol | | Q816 | 48T84366F04 | 2SB1243 |
| TRANS.= Transformer | PP.= Polypropylene | | Q820 | 48T84234F03 | 2SB1238 |
| CP.= Chip | PLT.= Polyethylene | | Q821 | 48T62967F03 | CP., DTC124K |
| | PF.= Polyester Film | | Q822 | 48T15289W03 | 2SD2008 |
| | | | Q823 | 48T73888F12 | CP., FMC2 |
| Symbol No. | Part No. | Description | Q840 | 48T84234F03 | 2SB1238 |
| Main P.C.Board | | | Diodes / Surge Protector | | |
| IC's | | | D001 | 48T63462F01 | CP., DAN202K |
| IC102 | 51T65025W01 | LA3161 | D105 | 48T68828F01 | 1SS133 |
| IC201 | 51T92001F11 | BA4560F | D201 | 48T84052F01 | 11ES2TA1 |
| IC202 | 51T65379F11 | BA4558F | D202 | 48T84052F01 | 11ES2TA1 |
| IC208 | 51T92001F11 | BA4560F | D203 | 48T84052F01 | 11ES2TA1 |
| IC209 | 51T65131W01 | TEA6320T | D204 | 48T84052F01 | 11ES2TA1 |
| IC210 | 51T35133W02 | TA8215H | D205 | 48T84052F01 | 11ES2TA1 |
| or | 51T65310W01 | MC13309T | D206 | 48T84052F01 | 11ES2TA1 |
| IC211 | 51T35133W02 | TA8215H | D207 | 48T84052F01 | 11ES2TA1 |
| or | 51T65310W01 | MC13309T | D208 | 48T84052F01 | 11ES2TA1 |
| IC503 | 51T85210W01 | 85210W01 | D209 | 48T68580F03 | DSA3A4 |
| Transistors | | | D501 | 48T63462F01 | CP., DAN202K |
| Q002 | 48T90181F05 | 2SD1993 | D503 | 48T63462F01 | CP., DAN202K |
| Q004 | 48T90181F05 | 2SD1993 | D505 | 48T68828F01 | 1SS133 |
| Q005 | 48T73888F08 | CP., FMG1 | D510 | 48T68828F01 | 1SS133 |
| Q103 | 48T63420F01 | CP., 2SA1037K | D511 | 48T63462F01 | CP., DAN202K |
| Q104 | 48T63420F01 | CP., 2SA1037K | D801 | 48T63462F01 | CP., DAN202K |
| Q105 | 48T62967F09 | CP., DTC114TK | D802 | 48T64134F01 | CP., DA204K |
| Q109 | 48T62967F33 | CP., DTC343TK | D803 | 48T84052F01 | 11ES2TA1 |
| Q110 | 48T62967F33 | CP., DTC343TK | D850 | 48T68828F01 | 1SS133 |
| Q111 | 48T84366F04 | 2SB1243 | ZD001 | 48T83128F27 | Zener, HZS9C3L |
| Q112 | 48T62967F09 | CP., DTC114TK | ZD102 | 48T90517F26 | Zener, HZS5.6NB1 |
| Q205 | 48T62967F33 | CP., DTC343TK | ZD501 | 48T90517F07 | Zener, HZS2.7NB1 |
| Q206 | 48T62967F33 | CP., DTC343TK | ZD503 | 48T90517F36 | Zener, HZS7.5NB2 |
| Q207 | 48T62967F33 | CP., DTC343TK | ZD801 | 48T83128F03 | Zener, HZS6A3L |
| Q208 | 48T62967F33 | CP., DTC343TK | ZD803 | 48T83128F24 | Zener, HZS9B3L |
| Q503 | 48T73888F12 | CP., FMC2 | ZD804 | 48T26033W32 | Zener, MTZJ6.8A |
| Q504 | 48T62967F03 | CP., DTC124K | ZD805 | 48T83128F27 | Zener, HZS9C3L |
| Q505 | 48T62966F03 | CP., DTA124 | ZD806 | 48T83128F24 | Zener, HZS9B3L |
| Q506 | 48T62967F03 | CP., DTC124K | DSP001 | 48T81909F01 | Surge Protector, DSP-201M |
| Q510 | 48T62967F03 | CP., DTC124K | | | |
| Q806 | 48T83835F03 | 2SD1859 | | | |
| Q807 | 48T84366F04 | 2SB1243 | | | |
| Q808 | 48T62967F05 | CP., DTC143XK | | | |

| Symbol No. | Part No. | Description | Symbol No. | Part No. | Description |
|-------------------|-------------|-------------------------------|------------|-------------|--------------------------|
| Coils | | | | | |
| L001 | 24T50508F18 | Inductor, 4.7 μ H | E206 | 23S75372W09 | ELY., 4.7 μ F / 35V |
| L002 | 24T94308F01 | Inductor, 100mH | C207 | 08T15399W02 | CP., 0.033 μ F |
| L003 | 24T50508F24 | Inductor, 15 μ H | E207 | 23S75372W09 | ELY., 4.7 μ F / 35V |
| L501 | 24T84175F51 | 57kHz | C208 | 08T15399W02 | CP., 0.033 μ F |
| L800 | 24T35072W01 | FBI, BL01RN1 | E208 | 23S75372W09 | ELY., 4.7 μ F / 35V |
| L801 | 24T75055W03 | Choke | C209 | 08S65128F66 | CP., 5600pF |
| | | | E209 | 23S75372W07 | ELY., 47 μ F / 16V |
| | | | C210 | 08S53332F44 | CP., 5600pF |
| | | | E210 | 23S75372W02 | ELY., 100 μ F / 10V |
| | | | C211 | 08S53332F47 | CP., 0.01 μ F |
| Crystal | | | E211 | 23S75372W07 | ELY., 47 μ F / 16V |
| X501 | 91T45118W23 | 4.5MHz | C212 | 08T15807W05 | CP., 0.1 μ F |
| | | | E212 | 23S75372W15 | ELY., 1 μ F / 50V |
| | | | C213 | 08T65020W07 | CP., 0.15 μ F |
| | | | C214 | 08T65020W07 | CP., 0.15 μ F |
| Capacitors | | | C215 | 08T65020W07 | CP., 0.15 μ F |
| E001 | 23S75372W08 | ELY., 100 μ F / 16V | E215 | 23S75372W04 | ELY., 10 μ F / 16V |
| C002 | 08S65128F69 | CP., 0.01 μ F | C216 | 08T65020W07 | CP., 0.15 μ F |
| C003 | 08T55390W23 | TF, 0.033 μ F | C217 | 08T65020W07 | CP., 0.15 μ F |
| E003 | 23S75372W10 | ELY., 0.1 μ F / 50V | E217 | 23S75372W15 | ELY., 1 μ F / 50V |
| C004 | 08T15399W02 | CP., 0.033 μ F | C218 | 08T65020W07 | CP., 0.15 μ F |
| C005 | 08T15399W02 | CP., 0.033 μ F | C219 | 08T65020W07 | CP., 0.15 μ F |
| C030 | 08S65128F35 | CP., 100pF | C220 | 08T65020W07 | CP., 0.15 μ F |
| C031 | 08S65128F69 | CP., 0.01 μ F | C221 | 08T15807W05 | CP., 0.1 μ F |
| C035 | 08S53332F35 | CP., 1000pF | E222 | 23S75372W15 | ELY., 1 μ F / 50V |
| C040 | 08S53332F13 | CP., 15pF | E223 | 23S75372W14 | ELY., 0.68 μ F / 50V |
| C099 | 23S82372F19 | ELY., (B.P) 2.2 μ F / 50V | E224 | 23S75372W14 | ELY., 0.68 μ F / 50V |
| C100 | 08S65128F69 | CP., 0.01 μ F | E225 | 23S75372W04 | ELY., 10 μ F / 16V |
| C101 | 08S65128F57 | CP., 1000pF | E227 | 23S75372W04 | ELY., 10 μ F / 16V |
| C102 | 08S65128F57 | CP., 1000pF | E228 | 23S75372W04 | ELY., 10 μ F / 16V |
| C103 | 08T15399W04 | CP., 0.027 μ F | E233 | 23S75372W04 | ELY., 10 μ F / 16V |
| C104 | 08S65128F65 | CP., 4700pF | E234 | 23S75372W04 | ELY., 10 μ F / 16V |
| C105 | 08S65128F65 | CP., 4700pF | E235 | 23S75372W04 | ELY., 10 μ F / 16V |
| C114 | 08T15399W04 | CP., 0.027 μ F | E236 | 23S75372W04 | ELY., 10 μ F / 16V |
| E153 | 23S75372W16 | ELY., 2.2 μ F / 50V | E237 | 23T55405W15 | ELY., 1 μ F / 50V |
| E154 | 23S75372W16 | ELY., 2.2 μ F / 50V | E238 | 23T55405W15 | ELY., 1 μ F / 50V |
| E155 | 23S75372W03 | ELY., 220 μ F / 10V | E239 | 23T55405W15 | ELY., 1 μ F / 50V |
| E156 | 23S75372W03 | ELY., 220 μ F / 10V | E240 | 23T55405W15 | ELY., 1 μ F / 50V |
| E157 | 23S75372W13 | ELY., 0.47 μ F / 50V | E241 | 23T55405W01 | ELY., 10 μ F / 16V |
| E158 | 23S75372W13 | ELY., 0.47 μ F / 50V | E242 | 23T55405W01 | ELY., 10 μ F / 16V |
| E161 | 23S75372W08 | ELY., 100 μ F / 16V | E243 | 23T55405W01 | ELY., 10 μ F / 16V |
| E162 | 23S75372W15 | ELY., 1 μ F / 50V | E244 | 23T55405W01 | ELY., 10 μ F / 16V |
| E163 | 23S75373W04 | ELY., 33 μ F / 16V | E245 | 23T94181F40 | ELY., 220 μ F / 10V |
| E164 | 23S75372W05 | ELY., 22 μ F / 16V | E246 | 23T94181F40 | ELY., 220 μ F / 10V |
| E202 | 23S75372W02 | ELY., 100 μ F / 10V | E247 | 23T75346W01 | ELY., 2200 μ F / 16V |
| E203 | 23S75372W15 | ELY., 1 μ F / 50V | E248 | 23T75346W01 | ELY., 2200 μ F / 16V |
| E204 | 23S75372W15 | ELY., 1 μ F / 50V | E250 | 23T75479W26 | ELY., 330 μ F / 16V |
| E205 | 23S75372W09 | ELY., 4.7 μ F / 35V | C501 | 08S65128F69 | CP., 0.01 μ F |
| | | | C503 | 08S65128F35 | CP., 100pF |

| Symbol No. | Part No. | Description |
|------------|-------------|--------------------|
| C504 | 08T55390W07 | PF., 1500pF |
| C505 | 08S65128F57 | CP., 1000pF |
| C510 | 08S65480F61 | CER., 0.01μF |
| E510 | 23S75372W13 | ELY., 0.47μF / 50V |
| C511 | 08S65128F47 | CP., 330pF |
| C517 | 08S65128F69 | CP., 0.01μF |
| C518 | 08S82122F21 | CP., 22pF |
| C519 | 08S82122F21 | CP., 22pF |
| C520 | 08S53332F27 | CP., 220pF |
| E520 | 23S75372W03 | ELY., 220μF / 10V |
| C521 | 08S53332F27 | CP., 220pF |
| C550 | 08S65128F35 | CP., 100pF |
| C551 | 08S65128F51 | CP., 470pF |
| E801 | 23S75373W13 | ELY., 1μF / 50V |
| E802 | 23S75373W07 | ELY., 4.7μF / 35V |
| E803 | 23T75479W26 | ELY., 330μF / 16V |
| E804 | 23S75373W02 | ELY., 10μF / 16V |
| C806 | 08T15399W01 | CP., 0.022μF |
| E807 | 23S75373W08 | ELY., 0.1μF / 50V |
| E809 | 23S75373W02 | ELY., 10μF / 16V |
| E811 | 23S75372W03 | ELY., 220μF / 10V |
| C850 | 08T55390W17 | PF., 0.01μF |

Resistors

(All resistors are chip 1/10W±5% unless otherwise noted.)

| | | |
|------|-------------|---------------|
| R002 | 06S53330F53 | 1K ohm 1/8W |
| R005 | 06S64995F65 | 3.3K ohm |
| R006 | 06S64995F53 | 1K ohm |
| R007 | 06S64995F65 | 3.3K ohm |
| R008 | 06S64995F53 | 1K ohm |
| R009 | 06S64995F05 | 10 ohm |
| R010 | 06S64995F49 | 680 ohm |
| R013 | 06S64995F75 | 8.2K ohm |
| R014 | 06S53330F71 | 5.6K ohm 1/8W |
| R050 | 06S64995F65 | 3.3K ohm |
| R051 | 06S64995F65 | 3.3K ohm |
| R052 | 06S64995F81 | 15K ohm |
| R053 | 06S64995F81 | 15K ohm |
| R055 | 06S64995F85 | 22K ohm |
| R056 | 06S64995F85 | 22K ohm |
| R057 | 06S70072F41 | 330 ohm 1/4W |
| R058 | 06S70072F05 | 10 ohm 1/4W |
| R060 | 06S53330F89 | 33K ohm 1/8W |
| R100 | 06S70072F57 | 1.5K ohm 1/4W |
| R101 | 06S70072F57 | 1.5K ohm 1/4W |
| R102 | 06S64995F77 | 10K ohm |
| R103 | 06S64996F02 | 100K ohm |

| Symbol No. | Part No. | Description |
|------------|-------------|---------------|
| R104 | 06S64995F91 | 39K ohm |
| R109 | 06S64996F04 | 120K ohm |
| R110 | 06S64996F04 | 120K ohm |
| R111 | 06S64995F71 | 5.6K ohm |
| R112 | 06S64995F71 | 5.6K ohm |
| R113 | 06S64995F19 | 39 ohm |
| R114 | 06S64995F19 | 39 ohm |
| R116 | 06S70072F78 | 2.2 ohm 1/4W |
| R117 | 06S64995F73 | 6.8K ohm |
| R118 | 06S53330F73 | 6.8K ohm 1/8W |
| R119 | 06S64996F02 | 100K ohm |
| R120 | 06S64996F02 | 100K ohm |
| R122 | 06S64995F77 | 10K ohm |
| R151 | 06S64995F77 | 10K ohm |
| R152 | 06S64995F77 | 10K ohm |
| R156 | 06S64995F53 | 1K ohm |
| R157 | 06S64995F53 | 1K ohm |
| R206 | 06S53330F53 | 1K ohm 1/8W |
| R207 | 06S53330F53 | 1K ohm 1/8W |
| R224 | 06S64995F77 | 10K ohm |
| R225 | 06S64995F77 | 10K ohm |
| R226 | 06S64995F77 | 10K ohm |
| R227 | 06S64995F77 | 10K ohm |
| R228 | 06S64995F88 | 30K ohm |
| R229 | 06S64995F88 | 30K ohm |
| R230 | 06S64995F88 | 30K ohm |
| R231 | 06S53330F88 | 30K ohm 1/8W |
| R246 | 06S64995F37 | 220 ohm |
| R247 | 06S53330F37 | 220 ohm 1/8W |
| R248 | 06S53330F37 | 220 ohm 1/8W |
| R249 | 06S53330F37 | 220 ohm 1/8W |
| R254 | 06S64995F67 | 3.9K ohm |
| R255 | 06S64995F67 | 3.9K ohm |
| R256 | 06S64995F67 | 3.9K ohm |
| R257 | 06S64995F67 | 3.9K ohm |
| R260 | 06S64995F65 | 3.3K ohm |
| R261 | 06S64995F65 | 3.3K ohm |
| R262 | 06S64995F61 | 2.2K ohm |
| R263 | 06S64995F61 | 2.2K ohm |
| R264 | 06S64995F61 | 2.2K ohm |
| R265 | 06S64995F61 | 2.2K ohm |
| R266 | 06S64995F57 | 1.5K ohm |
| R267 | 06S64995F57 | 1.5K ohm |
| R268 | 06S64995F57 | 1.5K ohm |
| R269 | 06S64995F57 | 1.5K ohm |
| R270 | 06S53331F40 | 2.2 ohm 1/8W |
| R271 | 06S53331F40 | 2.2 ohm 1/8W |
| R272 | 06S53331F40 | 2.2 ohm 1/8W |
| R273 | 06S53331F40 | 2.2 ohm 1/8W |

| Symbol No. | Part No. | Description | Symbol No. | Part No. | Description |
|------------|-------------|---------------|-----------------|-------------|----------------------------------|
| R274 | 06S53331F40 | 2.2 ohm 1/8W | R830 | 06S70072F03 | 6.8 ohm 1/4W |
| R275 | 06S53331F40 | 2.2 ohm 1/8W | R831 | 06S70072F59 | 1.8K ohm 1/4W |
| R276 | 06S53331F40 | 2.2 ohm 1/8W | R832 | 06S70072F61 | 2.2K ohm 1/4W |
| R277 | 06S53331F40 | 2.2 ohm 1/8W | R833 | 06S70072F59 | 1.8K ohm 1/4W |
| R282 | 06S53330F81 | 15K ohm 1/8W | R834 | 06S70072F59 | 1.8K ohm 1/4W |
| R291 | 06S64995F87 | 27K ohm | R835 | 06S70072F59 | 1.8K ohm 1/4W |
| R292 | 06S64995F87 | 27K ohm | R836 | 06S64995F77 | 10K ohm |
| R300 | 06S70072F53 | 1K ohm 1/4W | R837 | 06S70072F53 | 1K ohm 1/4W |
| R509 | 06S64995F77 | 10K ohm | R839 | 06S64995F65 | 3.3K ohm |
| R510 | 06S64995F77 | 10K ohm | R841 | 06S70072F53 | 1K ohm 1/4W |
| R520 | 06S64995F53 | 1K ohm | R842 | 06S64995F89 | 33K ohm |
| R521 | 06S53330F77 | 10K ohm 1/8W | VR501 | 18T81060F04 | Variable, 330 ohm |
| R523 | 06S64995F89 | 33K ohm | Front P.C.Board | | |
| R524 | 06S53330F77 | 10K ohm 1/8W | IC | | |
| R525 | 06S53330F77 | 10K ohm 1/8W | IC402 | 51T83905F03 | LC7582W |
| R526 | 06S53330F77 | 10K ohm 1/8W | Diodes | | |
| R527 | 06S64995F85 | 22K ohm | D401 | 48T64134F01 | CP., DA204K |
| R531 | 06S64995F93 | 47K ohm | D402 | 48T64134F01 | CP., DA204K |
| R532 | 06S64995F93 | 47K ohm | D403 | 48T64134F01 | CP., DA204K |
| R537 | 06S64995F77 | 10K ohm | D404 | 48T64134F01 | CP., DA204K |
| R538 | 06S64995F77 | 10K ohm | ZD401 | 48T45012W29 | Zener, MTZJ6.2A |
| R548 | 06S64995F85 | 22K ohm | Switches | | |
| R549 | 06S64995F85 | 22K ohm | S401 | 40T55656W03 | Tact, CP. SKQMAJ (PWR/INTLZ) |
| R550 | 06S53330F85 | 22K ohm 1/8W | S402 | 40T75234W01 | Tact, SKQNAC (TUNE/A.MEMO) |
| R551 | 06S53330F93 | 47K ohm 1/8W | S403 | 40T75234W01 | Tact, SKQNAC (D.A.P./M.I.X.) |
| R552 | 06S64995F37 | 220 ohm | S404 | 40T75234W01 | Tact, SKQNAC (R.M./RPT) |
| R553 | 06S64995F53 | 1K ohm | S405 | 40T75234W01 | Tact, SKQNAC (DN/REW) |
| R554 | 06S64995F53 | 1K ohm | S406 | 40T75234W01 | Tact, SKQNAC (UP/FF) |
| R559 | 06S53331F02 | 100K ohm 1/8W | S407 | 40T75234W01 | Tact, SKQNAC (DOWN) |
| R561 | 06S64995F53 | 1K ohm | S408 | 40T75234W01 | Tact, SKQNAC (MODE/LOUD) |
| R570 | 06S64995F53 | 1K ohm | S409 | 40T75234W01 | Tact, SKQNAC (UP) |
| R571 | 06S64996F02 | 100K ohm | S410 | 40T75234W01 | Tact, SKQNAC (1) |
| R585 | 06S64995F85 | 22K ohm | S411 | 40T75234W01 | Tact, SKQNAC (2) |
| R801 | 06S70072F04 | 8.2 ohm 1/4W | S412 | 40T75234W01 | Tact, SKQNAC (3/METAL) |
| R802 | 06S53330F75 | 8.2K ohm 1/8W | S413 | 40T75234W01 | Tact, SKQNAC (SDK) |
| R807 | 06S70072F61 | 2.2K ohm 1/4W | S414 | 40T75234W01 | Tact, SKQNAC (TUNER/BAND) |
| R811 | 06S64996F02 | 100K ohm | S415 | 40T75234W01 | Tact, SKQNAC (DISC • PLAY/PAUSE) |
| R812 | 06S53330F77 | 10K ohm 1/8W | S416 | 40T75234W01 | Tact, SKQNAC (4) |
| R813 | 06S70072F53 | 1K ohm 1/4W | S417 | 40T75234W01 | Tact, SKQNAC (5) |
| R816 | 06S53330F77 | 10K ohm 1/8W | S418 | 40T75234W01 | Tact, SKQNAC (6) |
| R818 | 06S64995F77 | 10K ohm | | | |
| R819 | 06S70072F61 | 2.2K ohm 1/4W | | | |
| R820 | 06S64995F77 | 10K ohm | | | |
| R821 | 06S70072F03 | 6.8 ohm 1/4W | | | |
| R822 | 06S70072F03 | 6.8 ohm 1/4W | | | |
| R823 | 06S64995F77 | 10K ohm | | | |
| R824 | 06S64995F77 | 10K ohm | | | |
| R825 | 06S70072F59 | 1.8K ohm 1/4W | | | |
| R828 | 06S53330F77 | 10K ohm 1/8W | | | |

on

7/INTLZ)

MEMO)

.I.X.)

)

UD)

AND)

| Symbol No. | Part No. | Description |
|---|-------------|-------------------------|
| Lamps | | |
| PL401 | 65T75231W01 | 9V-85mA |
| PL403 | 65T75233W01 | 6V-80mA |
| PL404 | 65T75233W01 | 6V-80mA |
| PL405 | 65T75233W01 | 6V-80mA |
| PL406 | 65T75233W01 | 6V-80mA |
| PL407 | 65T75233W01 | 6V-80mA |
| LED | | |
| LD401 | 48T65477W03 | CP., SML-010PTT87 (GRN) |
| Capacitors | | |
| E401 | 23S61523F05 | ELY., 22μF / 6.3V |
| C402 | 08S82122F57 | CP., 680pF |
| C403 | 08T15399W03 | CP., 0.047μF |
| C404 | 08S65128F76 | CP., 0.1μF |
| C405 | 08T15399W03 | CP., 0.047μF |
| Resistors | | |
| (All resistors are chip 1/10W±5% unless otherwise noted.) | | |
| R402 | 06S64995F61 | 2.2K ohm |
| R403 | 06S64995F61 | 2.2K ohm |
| R404 | 06S64995F61 | 2.2K ohm |
| R405 | 06S64995F61 | 2.2K ohm |
| R406 | 06S64995F65 | 3.3K ohm |
| R411 | 06S64995F61 | 2.2K ohm |
| R412 | 06S64995F65 | 3.3K ohm |
| R413 | 06S64995F71 | 5.6K ohm |
| R414 | 06S64995F79 | 12K ohm |
| R415 | 06S64995F89 | 33K ohm |
| R416 | 06S64995F61 | 2.2K ohm |
| R417 | 06S64995F65 | 3.3K ohm |
| R418 | 06S64995F71 | 5.6K ohm |
| R419 | 06S64995F79 | 12K ohm |
| R420 | 06S64995F89 | 33K ohm |
| R421 | 06S64995F61 | 2.2K ohm |
| R422 | 06S64995F65 | 3.3K ohm |
| R423 | 06S64995F71 | 5.6K ohm |
| R424 | 06S64995F79 | 12K ohm |
| R425 | 06S64995F89 | 33K ohm |
| R431 | 06S70072F13 | 22 ohm 1/4W |
| R432 | 06S70072F14 | 24 ohm 1/4W |
| R434 | 06S70072F13 | 22 ohm 1/4W |
| R435 | 06S70072F14 | 24 ohm 1/4W |
| R437 | 06S70072F14 | 24 ohm 1/4W |

| Symbol No. | Part No. | Description |
|---|-------------|-------------------|
| R438 | 06S70072F14 | 24 ohm 1/4W |
| R439 | 06S70072F14 | 24 ohm 1/4W |
| R440 | 06S70072F13 | 22 ohm 1/4W |
| R441 | 06S70072F13 | 22 ohm 1/4W |
| R442 | 06S70072F57 | 1.5K ohm 1/4W |
| R443 | 06S70072F55 | 1.2K ohm 1/4W |
| R451 | 06S64995F77 | 10K ohm |
| R452 | 06S64995F77 | 10K ohm |
| R453 | 06S64995F77 | 10K ohm |
| R454 | 06S64995F77 | 10K ohm |
| R455 | 06S64995F93 | 47K ohm |
| SDK P.C.Board | | |
| IC | | |
| IC501 | 51T55490W01 | TDA1581T |
| Transistor | | |
| Q502 | 48T63417F03 | CP., 2SC2412K |
| Capacitors | | |
| C501 | 08T55390W27 | TF, 0.068μF |
| E501 | 23S75373W07 | ELY., 4.7μF / 35V |
| C502 | 08T55390W27 | TF, 0.068μF |
| E502 | 23S75373W08 | ELY., 0.1μF / 50V |
| C503 | 08T55390W27 | TF, 0.068μF |
| E503 | 23S75372W15 | ELY., 1μF / 50V |
| E504 | 23S75373W08 | ELY., 0.1μF / 50V |
| C505 | 08T55390W26 | TF, 0.056μF |
| C506 | 08T55390W23 | TF, 0.033μF |
| C507 | 08T55390W25 | TF, 0.047μF |
| C528 | 08T55390W25 | TF, 0.047μF |
| C529 | 08T55390W29 | TF, 0.1μF |
| Resistors | | |
| (All resistors are chip 1/10W±5% unless otherwise noted.) | | |
| R501 | 06S64996F10 | 220K ohm |
| R502 | 06S64995F43 | 390 ohm |
| R503 | 06S64996F22 | 680K ohm |
| R504 | 06S64996F02 | 100K ohm |
| R505 | 06S64995F69 | 4.7K ohm |
| R506 | 06S53330F69 | 4.7K ohm 1/8W |

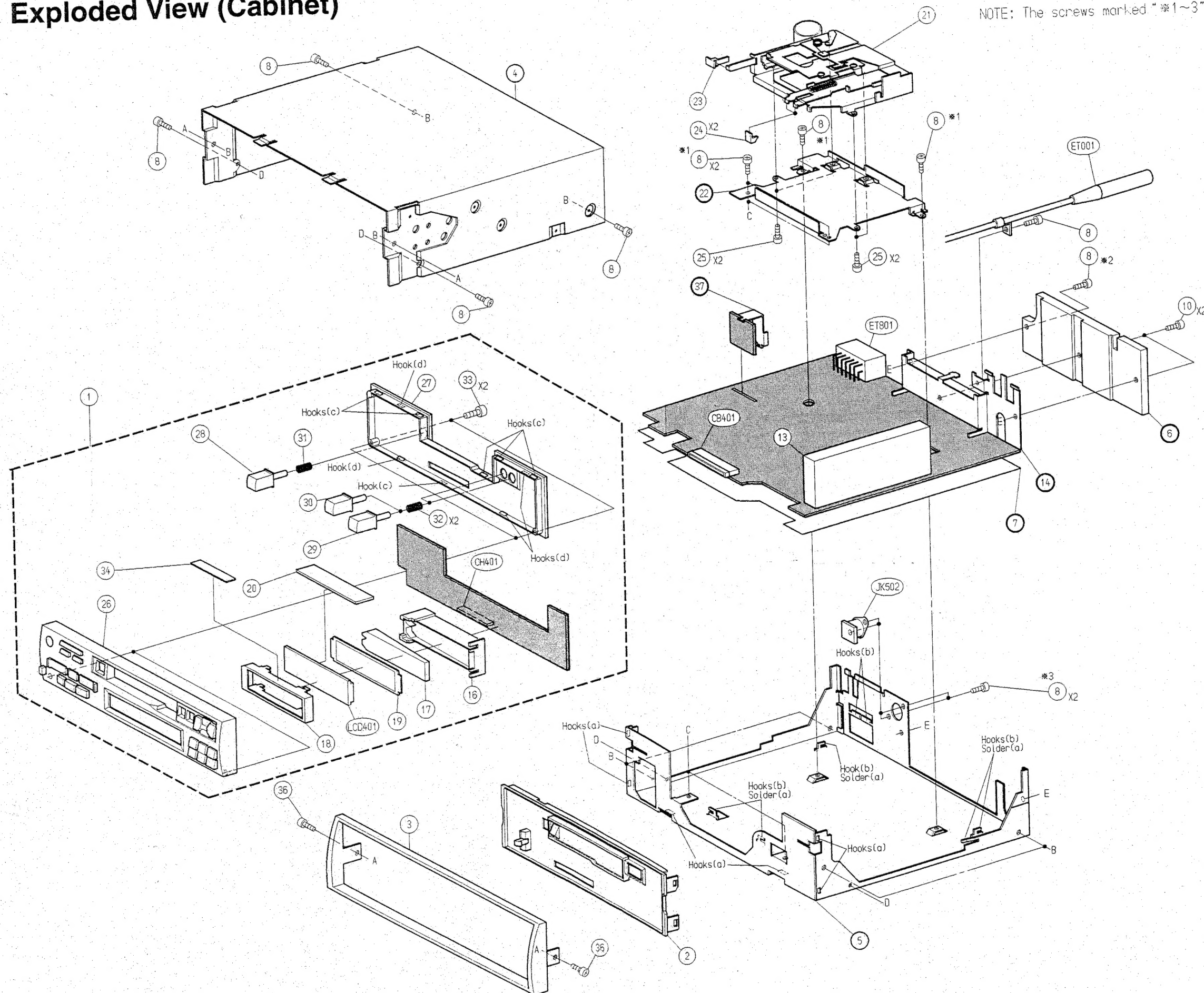
| Symbol No. | Part No. | Description |
|---------------|-------------|---|
| R507 | 06S64995F97 | 68K ohm |
| R508 | 06S64995F93 | 47K ohm |
| R511 | 06S64996F22 | 680K ohm |
| R512 | 06S64996F04 | 120K ohm |
| R513 | 06S64995F97 | 68K ohm |
| R514 | 06S64995F77 | 10K ohm |
| R515 | 06S64996F10 | 220K ohm |
| R516 | 06S64995F91 | 39K ohm |
| R517 | 06S64995F77 | 10K ohm |
| R518 | 06S64995F97 | 68K ohm |
| Miscellaneous | | |
| CB401 | 09T75038W14 | Connector (16P) |
| CH401 | 09T75039W16 | Connector (16P) |
| ET001 | 01T15513W18 | Assy., Antenna Receptacle |
| ET801 | 09T55175W16 | Speaker Output & Power Supply Connector |
| HD1101 | 88E20705S01 | Head |
| JK502 | 09T16653W01 | DIN Connector |
| LCD401 | 65T75144W01 | LCD Display |
| M1501 | 01E20699S01 | Assy., Motor |
| S1501 | 40E20707S01 | Switch, Slide (FWD/REV) |
| S1502 | 40E20709S01 | Switch, Leaf (MUTE) |
| S1503 | 40E20706S01 | Switch (POWER) |

TDM-7522M

TDM-7522M

Exploded View (Cabinet)

NOTE: The screws marked "※1~3" are disassembly parts.



A

B -27-

C

D

E

F -28-

G

Cabinet Assembly Parts List

NOTE: No parts number on parts list are not supplied.

| Symbol No. | Index | Part No. | Description | Symbol No. | Index | Part No. | Description |
|------------|-------|-------------|--|------------|-------|----------|-------------|
| 1 | 3-A | 01V84100W01 | Assy., Nose Unit | | | | |
| 2 | 5-D | 13C80487W02 | Assy., Front Escutcheon | | | | |
| 3 | 5-C | 33C70276W01 | Assy., Face Plate | | | | |
| 8 | | 03S44205G29 | Screw, Pan (M2.6 × 6) | | | | |
| 10 | 2-G | 03S38013W02 | Screw, Pan (M2.6 × 14) | | | | |
| 13 | 3-E | 77T85329W01 | FM/MW/LW Tuner Unit, MX-E155VE (FE001) | | | | |
| 16 | 4-C | 15B70308W01 | Case, LCD | | | | |
| 17 | 4-C | 61A70307W01 | Lens, LCD | | | | |
| 18 | 4-B | 15B70310W01 | Cover, LCD | | | | |
| 19 | 4-C | 26A70309W01 | Reflector, Sheet | | | | |
| 20 | 3-B | 75T75143W02 | Rubber, Electric | | | | |
| 21 | 1-F | 81T65045W01 | Cassette Deck Mechanism, GS75A010 | | | | |
| 23 | 1-D | 36A71255W01 | Knob, Deck EJECT | | | | |
| 24 | 1-D | 36A71256W01 | Knob, Deck FF/REW | | | | |
| 25 | | 03S44205G30 | Screw, Pan (M2.6 × 4) | | | | |
| 26 | 3-A | 13D70253W15 | Assy., Nosepiece | | | | |
| 27 | 3-C | 13D00558K01 | Nose, Bottom | | | | |
| 28 | 3-B | 36B70264W01 | Knob, EJECT | | | | |
| 29 | 3-B | 36B70265W01 | Knob, FF | | | | |
| 30 | 3-B | 36B70266W01 | Knob, REW | | | | |
| 31 | 3-B | 41A70267W01 | Spring, EJECT | | | | |
| 32 | 3-C | 41A70267W02 | Spring, FF/REW | | | | |
| 33 | 2-C | 03S71677F56 | Screw, Pan (M1.7 × 12) | | | | |
| 34 | 3-A | 14S61338W16 | Insulator, Cover | | | | |
| 36 | | 03S38013W13 | Screw, Bind (M2.6 × 6) | | | | |

Disassembly Instructions

1. Removal of Nose Unit

- (1) Refer to the Owner's Manual (Part No. 68P80683W51):

2. Removal of Front Escutcheon

- (1) After removal of Assy., Face Plate and Top Cover, remove the Hooks (a). ... Hooks (a) (4-D, 5-D, 5-E)

3. Removal of Cassette Deck Mechanism

- (1) After removal of Front Escutcheon, remove four screws No. 8. ... Screws No.8 (※1) (1-D, 1-E, 1-F)
 (2) Disconnect all connectors to Main P.C.Board.

4. Removal of Main P.C.Board

- (1) After removal of Cassette Deck Mechanism, remove a ... Screw No.8 (※2) (2-F)
 screw No.8 and two screws No.10, and remove the Heat Sink. ... Screws No.10 (2-G)
 (2) Remove two screws No.8, remove DIN P.C.Board. ... Screws No.8 (※3) (4-F)
 (3) Remove the Solder (a) and Hooks (b) ... Solder (a), Hooks (b) (4-E)
 (4) Main P.C.Board with SDK P.C.Board and DIN P.C.Board can be removed completely.

5. Removal of Front P.C.Board

- (1) After removal of Nose Unit, remove two screws No.33 and the Hooks (c). ... Screws No.33 (2-C)
 Hooks (c) (3-B, 3-C)
 (2) Remove the Hooks (d). ... Hooks (d) (2-C, 3-C)

Packing Assembly Parts List

| Symbol No. | Part No. | Description | Symbol No. | Part No. | Description |
|------------|-------------|-------------------------|------------|----------|-------------|
| 101 | 01V63500W15 | Assy., Kit | | | |
| 102 | 15D50406W01 | Case, Inner | | | |
| 103 | 07B64552F01 | Bracket, Strap Receiver | | | |
| 104 | 15D70318W01 | Carrying, Case | | | |
| 105 | 68P80683W51 | Owner's Manual | | | |
| 106 | 01T75469W11 | Assy., Power Wire | | | |

Packing Method View

